



Weekly Construction Report

Hatchery Creek Design/Build Project



Time Period:	September 7-12, 2015	Project No:	1305
Rain Days/Weather Conditions:	Rained ~1.8 inches from Thursday to Friday (Rowena gauge) and it was too wet to work Thursday - Saturday.		
Personnel on-site:	<i>EcoGro/Ridgewater:</i> Tom Cutter, Eric Dawalt, Larry Mounce, Brad Redmon, Randall Starns, Sherri Arthur Trucking-John Arthur. <i>Stantec:</i> George Athanasakes for Progress Meeting		
Equipment on-site:	Komatsu PC 360 excavator w/ hyd. thumb, Komatsu PC 450 excavator, Komatsu PC 220 long arm excavator, Komatsu PC 160, and Terex TA27 articulated off-road dump truck.		
Material deliveries to project site:	<ul style="list-style-type: none"> ~580 tons of 24"+ diameter rock to Site #3. 		
Work performed the past week:	<ul style="list-style-type: none"> Site #3/Step Pool Reach ~Sta. 154+000 to 160+50: <ul style="list-style-type: none"> Finished installing shot rock in Tributary Z up to existing culvert outfall. Excavated and installed rock channel in Tributary Z ~50' upstream of existing culvert inlet. Installed step pools from 156+00 to 157+40 with 48" diameter rock and backfilled upstream and sides with 24"+ diameter rock. 		
Erosion & sediment controls installed/maintained:	<ul style="list-style-type: none"> Entire channel at Site #3 has been lined with rock up to at least 4' deep on sides of channel. 		
Work scheduled for next week:	<ul style="list-style-type: none"> Haul in remaining 48" boulders for steps. Install step pools from 154+00 to 156+00. Finish building channel from 142+18 to 147+00, including low water crossing riffle at 143+30. Finish adding rock sills and spawning gravel. Excavate road fill at Tributary Z and install rock in channel. 		
Work planned for two weeks ahead:	<ul style="list-style-type: none"> Finish grading slopes on Site #3. Built braided channel from ~Sta. 110+00 to 113+00. 		
General Comments:	<ul style="list-style-type: none"> The USACE Nashville District was able to provide no flow from 6:00 a.m. to 12:00 p.m. on Tuesday which enabled Site #3 to be dry enough to work. They had one generator and a sluice running Wednesday through Friday to enable step pool construction. 		
Prepared by: Eric Dawalt, P.E.	Date: 9-12-2015		



Weekly Construction Report

Hatchery Creek Design/Build Project



Pictures from this week's construction:



Installing 48" diameter rock for steps in step-pool channel. (Picture taken at ~Sta. 157+00 standing on right descending bank).



Completed step pools. (Picture taken looking upstream from Cumberland River).



Weekly Construction Report

Hatchery Creek Design/Build Project



Installing shot rock sills adjacent to step pool channel.